

Amendments to the Claims:

The claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

24. (Currently Amended) A method of scanning a document, comprising:
displaying on a video display, by scanner software, preview scan data generated in response to a preview scan of the document;
selecting a region of interest in the preview scan data;
presenting, from scanner software to an application software, one or more data formats for the selected region of interest;
~~receiving selection, by the application software, of one of the one or more data formats;~~
~~launching a second scan of the document; and~~
using an input device to select the region of interest in the preview scan data, drag the selected region of interest across the video display, and drop the selected region of interest into the application software;
determining a boundary and image data elements of the selected region of interest by evaluating and classifying a click point and performing segmentation analysis on the image data elements contained within the boundary;
automatically initiating the scanner software to launch an optimized final scan of the selected region of interest after the selected region of interest is dragged and dropped into the open software application; and
storing data relating to the second scan of the document in the selected one data format.

25. (Previously Presented) The method of claim 24, further comprising:
the scanner software determining a data type of the selected region of interest;
and
the scanner software presenting the one or more data formats associated with
the determined data type.

26. (Previously Presented) The method of claim 24, further comprising:
receiving user input indicating selection of the application software; and
in response to the user input indicating selection of the application software, the
application software receiving the presented one or more data formats.

27. (Previously Presented) The method of claim 26, further comprising:
the application software determining whether any one of the presented one or
more data formats is acceptable to the application software; and
in response to the application software determining that any one of the presented
one or more data formats is acceptable, the application software notifying the scanner
software that the application software is able to receive scan data.

28. (Previously Presented) The method of claim 27, further comprising:
in response to the application software determining that none of the one or more
data formats is acceptable, the application software causing presentation of an indicator
that receipt of scan data is not allowed.

29. (Previously Presented) The method of claim 24, further comprising:
receiving a click input at a location on the displayed preview scan data; and
evaluating preview scan data around the location of the click input to identify the
region of interest.

30. (Previously Presented) The method of claim 24, further comprising:
displaying a window for the application software;
receiving user input indicating that the selected region of interest is to be moved
to the window for the application software,
wherein receiving the selection of the one or more data formats and launching
the second scan are performed in response to the user input.

31. (Previously Presented) The method of claim 24, further comprising:
displaying a desktop on a computer;
receiving user input indicating that the selected region of interest is to be moved
to the desktop,
wherein receiving the selection of the one or more data formats and launching
the second scan are performed in response to the user input; and
displaying an icon representing the data relating to the second scan in the
desktop.

32. (Currently Amended) A system of scanning data, comprising:
scanner software;
a monitor to display preview scan data generated in response to a preview scan of a document launched by the scanner software,
~~the scanner software to select a region of interest in the preview scan data in response to user input; and~~
~~an application software to receive one or more data formats for the selected region of interest from the scanner software,~~
~~the application software to select one of the one or more data formats,~~
~~the scanner software to launch a second scan of the document and to store data relating to the second scan of the document in the selected one data format~~
an input device operated by a user and configured to allow the user to select a region of interest in the preview scan data, drag the selected region of interest across the display, and drop the selected region of interest into an open software application;
wherein the scanner software is configured to determine a boundary and image data elements of the selected region of interest, evaluate and classify a click point, and perform segmentation analysis on the image data elements contained within the boundary;
wherein the scanner software automatically launches an optimized final scan of the selected region of interest after the selected region of interest is dragged and dropped into the open software application; and
a memory device configured to store data relating to the second scan of the document in the selected one data format.

33. (Previously Presented) The system of claim 32, wherein the scanner software is adapted to:

determine a data type of the selected region of interest, and
present the one or more data formats associated with the determined data type.

34. (Previously Presented) The system of claim 32, wherein the application software is adapted to:

determine whether any one of the presented one or more data formats is acceptable to the application software, and

in response to determining that any one of the presented one or more data formats is acceptable, notify the scanner software that the application software is able to receive scan data.